

Stand for Drill / Mill Machine

Model 42977

**Assembly & Operating
Instructions**



Stand shown with Drill / Mill machine (not included)



3491 Mission Oaks Blvd. / Camarillo, CA 93011

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#42977 DRILL / MILL MACHINE STAND

SPECIFICATIONS

Construction: 6 Gauge Steel, painted (4) flanges with bolt-down holes	Overall Dimensions: 17.4" L x 12.09" W x 37.8" H
Net Weight: 38.58 Lbs.	

FEATURES

1. This sturdy steel cabinet provides a strong, vibration resistant stand for drill / mill machines.
2. The machine is positioned at a convenient level for standing operation.
3. Cabinet construction provides secure storage space for machine tools, equipment and accessories.
4. Pre-drilled base flanges are provided for bolt-down attachment to the floor.
5. Top drilled for semi-permanent attachment of drill / mill machine.
6. Ideally suited for mounting model # 42976 Drill / Mill Machine.

SAFETY WARNING & CAUTIONS

1. Never operate machinery on this stand unless the stand is firmly and permanently attached to a hard, level, floor which is capable of supporting the weight of the stand, the machine, and any workpieces which will be placed on it.
2. Never operate machinery on this stand unless the machine is firmly and permanently attached to the stand.
3. This stand is primarily steel construction, and will conduct electricity. Never allow any electrical cord, power supply, control or attachment to be attached to this stand unless it is insulated to prevent electrical transmission.
4. Be sure to close and secure the cabinet door in a closed position before operating any machine attached to or mounted on this stand.
5. Follow all safety warnings and precautions provided by the manufacturer or supplier of all machinery or tools used in conjunction with this stand.

SAVE THIS MANUAL

You will need the manual for the safety warnings and cautions, assembly instructions, operating procedures, maintenance procedures, trouble shooting, parts list, and diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep both this manual and your invoice in a safe, dry place for future reference.

NOTICE

The Warnings, Cautions, and Instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

ASSEMBLY AND OPERATING INSTRUCTIONS

Your machine stand is fully assembled when you receive it. However, it must be attached to the floor, and the machine must be mounted on it prior to operation.

1. Find a location for the stand within your workshop. Select a location which has a sturdy, level floor which is capable of supporting the weight of the stand, machine to be mounted on it, and any workpieces you intend to place on the machine or stand.
2. The location must also provide safe working conditions, including adequate light and ventilation, protection from water and weather, and access to an appropriate power supply for the machine.
3. Locate the stand in an area that provides adequate working room to manage the workpieces, tools, equipment and supplies needed to perform the intended operations.
4. Prepare the floor by leveling it, using cement, steel plates, wooden reinforcements or other suitable means.
5. Place the stand in its intended location, and mark the floor through the bolt holes in the flanges on the corners of the base.
6. Depending on the floor material, drill bolt holes or install lag bolts in the floor. Secure these as appropriate.
7. Reposition the stand on the prepared floor fastening system, and secure in place. Test the stand to be sure it is permanently and securely attached before placing the machine on the stand.

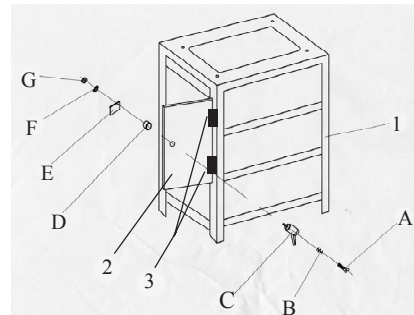
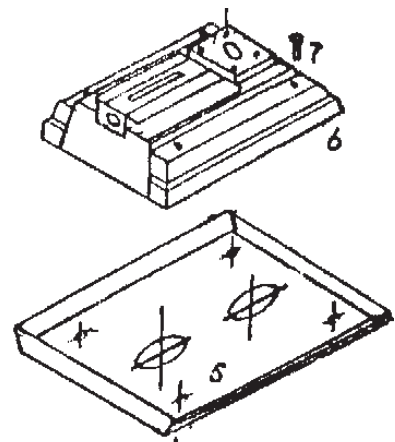


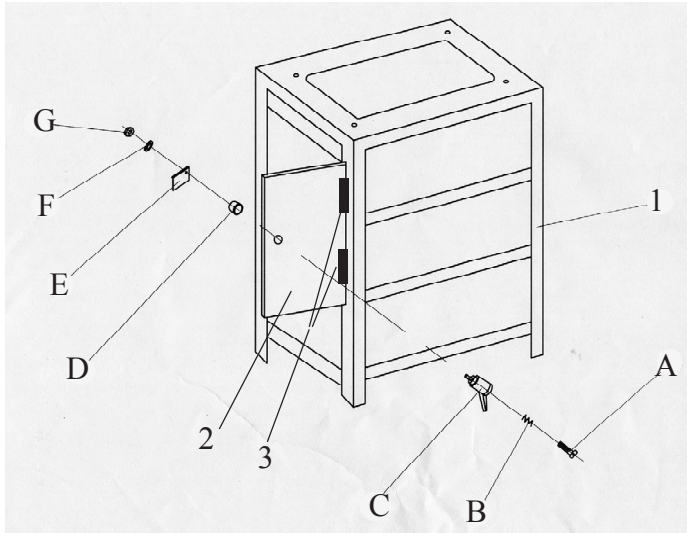
Figure 1. Assembly Diagram

Your Drill / Mill machine may include a tray which must be positioned between the machine and the stand. Numbers shown below refer to the diagram in Figure 1.

1. Place the tray (#5) (not included) on the stand, aligning the four holes in the corners with the mounting holes on the upper flange of the stand.
2. With the help of an assistant, place the machine on the tray, with the mounting holes in the machine base (#6) (not included) aligned with the holes in the tray and the stand.
3. Fasten the machine securely to the stand, using four bolts (#7), washers and nuts (not included).
4. Check to be sure the machine is securely mounted before connecting the power cord, or turning it on.

NOTE: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.

#42977 DRILL / MILL MACHINE STAND PARTS DIAGRAM



P/N	DESCRIPTION
1	Body
2	Door
3	Hinge
4	Door Handle Assembly
	A B C D E F

DOOR HANDLE ASSEMBLY

P/N	DESCRIPTION
A	Bolt
B	Spring
C	Handle
D	Sleeve
E	Door Holder
F	Spring Washer
G	Nut

MAINTENANCE

1. Keep the stand wiped down and clean.
2. Do not allow the stand to remain wet, and do not allow standing water to accumulate around the base.
3. Use applications of light grease or paint to any unpainted surfaces to prevent rust.
4. Check the floor mounting bolts and machine mounting bolts monthly to assure that they remain securely fastened. Retighten or replace any fastening hardware as needed.

WARNING!

USE THE RIGHT TOOL FOR THE JOB. Do not attempt to force a small tool or attachment to do the work of a larger industrial tool. There are certain applications for which this tool was designed. Do not modify this tool and do not use this tool for a purpose for which it was not intended.

PLEASE READ THE FOLLOWING CAREFULLY

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